CLAIMS

What is claimed is:

1.   A method for editing multilanguage documents with a primary editor and one or more secondary editors, and in such a way that the primary editor leverages functionality from the secondary editors, the method comprising:

accessing a multilanguage file having a plurality of segments that are written in different programming languages, the segments corresponding to one or more secondary editors that are each configured to edit code written in a particular programming language, respectively;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments; and

enabling a user to edit the different segments of the multilanguage file from within the primary application view, and in such a way that during editing of any particular segment a secondary editor corresponding to the particular segment is utilized by the primary editor to modify the multilanguage file.

2.   A method as recited in claim 1, wherein an edit made in the primary application view is replicated by a secondary editor to a secondary document that is created by the secondary editor in response to receiving a code segment from the primary editor that includes the code segment being edited.

3.   A method as recited in claim 2, wherein the secondary editor is specifically configured for editing code written in a language of the received code segment.

WORKMAN NYDEGGER
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111

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4.   A method as recited in claim 2, wherein the document is transparent to the user.

5.   A method as recited in claim 4, wherein the document is created in a text-only format.

6.   A method as recited in claim 2, wherein the primary editor modifies the multilanguage file in response to a change made to the secondary document.

7.   A method as recited in claim 1, wherein the multilanguage file is modified in response to advanced editing features of the secondary editor that are not inherently enabled by the primary editor.

8.   A method as recited in claim 7, wherein the advanced editing features include at least one of syntax coloring, intellisense, auto-completion, document formatting, error reporting, and context help.

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9.   A method for editing multilanguage documents with a primary editor and one or more secondary editors, and in such a way that the primary editor leverages functionality from the secondary editors, the method comprising:

accessing a multilanguage file having a plurality of segments that are written in different programming languages, at least one of the segments corresponding to a secondary editor that is configured to edit code written in a particular programming language;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments;

identifying the at least one of the segments corresponding to the secondary editor;

supplementing the at least one of the segments with additional data, when necessary, to create complete source code for the at least one of the segments, which can be recognized and edited by the secondary editor;

providing the at least one of the segments to the secondary editor and in such a way as to cause the secondary editor to create a secondary document for editing the at least one of the segments, the secondary document being invisible to the user;

creating links between the visible multilanguage file and portions of the secondary document;

replicating edits made to the multilanguage file in the primary application view to the secondary document; and

modifying the primary application view of the multilanguage file to accommodate for functionality provided by the secondary editor.

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10.   A method as recited in claim 9, wherein modifying the primary application view includes displaying a menu created by the secondary editor.

11.   A method as recited in claim 9, wherein modifying the primary application view includes editing the multilanguage file and replicating one or more edits made by the secondary editor to the secondary document.

12.   A method as recited in claim 11, wherein the one or more edits made in the secondary document include edits made in response to functionality provided by the secondary editor that is not inherently available to the primary editor.

13.   A method as recited in claim 11, wherein the functionality provided by the secondary editor includes at least one of syntax coloring, intellisense, auto-completion, document formatting, error reporting, and context help.

14.   A method as recited in claim 13, further including, prior to replicating the one or more edits made in the secondary document, an act of determining that the one or more edits made in the secondary document are not merely a result of replication of the edits made by the primary editor to the multilanguage file in the primary view.

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60 EAST SOUTH TEMPLE
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15.   A method as recited in claim 9, further including, prior to replicating edits made to the multilanguage file in the primary application view to the secondary file, an act of determining that the one or more edits made in the primary application view are not merely a result of replication of the edits made by the secondary editor to the secondary document

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16.   A method for editing multilanguage documents with a primary editor and one or more secondary editors, and in such a way that the primary editor leverages functionality from the secondary editors, the method comprising:

accessing a multilanguage file having a plurality of segments that are written in different programming languages, the segments corresponding to one or more secondary editors that are each configured to edit code written in a particular programming language, respectively;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments; and

editing the one or more of the segments of the multilanguage document from within the primary application view of the primary editor by leveraging functionality provided by the one or more secondary editors and without requiring the user to explicitly open the one or more secondary editors.

17.   A method as recited in claim 16, wherein leveraging the functionality provided by the one or more secondary editors includes having the one or more secondary editors to replicate edits to one or more secondary documents that are made by the primary editor to the multilanguage document.

18.   A method as recited in claim 17, wherein the one or more secondary documents are transparent to the user.

19.   A method as recited in claim 16, wherein the functionality includes at least one of syntax coloring, intellisense, auto-completion, document formatting, error reporting, and context help.

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20.   A computer program product comprising one or more computer-readable media having computer-executable instructions for performing a method comprising:

accessing a multilanguage file having a plurality of segments that are written in different programming languages, the segments corresponding to one or more secondary editors that are each configured to edit code written in a particular programming language, respectively;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments; and

editing the one or more of the segments of the multilanguage document from within the primary application view of the primary editor by leveraging functionality provided by the one or more secondary editors and without requiring the user to explicitly open the one or more secondary editors.

21.   A computer program product as recited in claim 20, wherein the functionality provided by the one or more secondary editors is leveraged by the primary editor without requiring the user to explicitly interface with the one or more secondary editors.

22.   A computer program product as recited in claim 20, wherein leveraging the functionality provided by the one or more secondary editors includes having the one or more secondary editors to replicate edits to one or more secondary documents that are made by the primary editor to the multilanguage document.

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23.   A computer program product as recited in claim 22, wherein the one or more secondary documents are transparent to the user.

24.   A computer program product as recited in claim 20, wherein the functionality includes at least one of syntax coloring, intellisense, auto-completion, document formatting, error reporting, and context help.

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25. A computer program product comprising one or more computer-readable media having computer-executable instructions for enabling a primary source code editor to perform a method of leveraging functionality from one or more secondary editors comprising:

accessing a multilanguage file having a plurality of segments that are written in different programming languages, the segments corresponding to one or more secondary editors that are each configured to edit code written in a particular programming language, respectively;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments; and

enabling a user to edit the different segments of the multilanguage file from within the primary application view, and in such a way that during editing of any particular segment a secondary editor corresponding to the particular segment is utilized by the primary editor to modify the multilanguage file.

26. A computer program product as recited in claim 25, wherein an edit made in the primary application view is replicated by a secondary editor to a secondary document that is created by the secondary editor in response to receiving a code segment from the primary editor that includes the code segment being edited.

27. A computer program product as recited in claim 26, wherein the secondary editor is specifically configured for editing code written in a language of the received code segment.

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28.   A computer program product as recited in claim 26, wherein the document is transparent to the user.

29.   A computer program product as recited in claim 26, wherein the primary editor modifies the multilanguage file in response to a change made to the secondary document.

30.   A computer program product as recited in claim 25, wherein the multilanguage file is modified in response to advanced editing features of the secondary editor that are not inherently enabled by the primary editor.

31.   A computer program product as recited in claim 30, wherein the advanced editing features include at least one of syntax coloring, intellisense, auto-completion, document formatting, error reporting, and context help.

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32.   A computer program product comprising one or more computer-readable media having computer-executable instructions for enabling a primary source code editor to perform a method of leveraging functionality from one or more secondary editors, the method comprising:

accessing a multilanguage file having a plurality of segments that are written in different programming languages, at least one of the segments corresponding to a secondary editor that is configured to edit code written in a particular programming language;

presenting the multilanguage file in a primary application view that is visible to a user and that includes the plurality of segments;

identifying the at least one of the segments corresponding to the secondary editor;

supplementing the at least one of the segments with additional data, when necessary, to create complete source code for the at least one of the segments, which can be recognized and edited by the secondary editor;

providing the at least one of the segments to the secondary editor and in such a way as to cause the secondary editor to create a secondary document for editing the at least one of the segments, the secondary document being invisible to the user;

creating links between the visible multilanguage file and portions of the secondary document;

replicating edits made to the multilanguage file in the primary application view to the secondary document; and

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modifying the primary application view of the multilanguage file to accommodate for functionality provided by the secondary editor.

33.   A computer program product as recited in claim 32, wherein modifying the primary application view includes displaying a menu created by the secondary editor.

34.   A computer program product as recited in claim 32, wherein modifying the primary application view includes editing the multilanguage file to replicate one or more edits made by the secondary editor to the secondary document.

35.   A computer program product as recited in claim 34, wherein the one or more edits made in the secondary document include edits made in response to functionality provided by the secondary editor that is not inherently available to the primary editor.

36.   A computer program product as recited in claim 34, wherein the functionality provided by the secondary editor includes at least one of syntax coloring, intellisense, auto-completion, document formatting, error reporting, and context help.

37.   A computer program product as recited in claim 32, further including, prior to replicating the one or more edits made in the secondary document, an act of determining that the one or more edits made in the secondary document were not made merely to replicate the edits made by the primary editor, so as to avoid an infinite loop of edits being made.

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